

Date: Wed, 2 Mar 94 04:30:29 PST  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #49  
To: Ham-Equip

Ham-Equip Digest                      Wed, 2 Mar 94                      Volume 94 : Issue    49

Today's Topics:

                    Comments on TAPR-2 board?  
                    Comments on Yaesu FT-890AT (4 msgs)  
                    FOR SALE: Kenwood TS-440S AT and Astron RS-35.  
                    htx-202 audio mod (?)  
                    IC-737A?  
                    ICOM 2iA MARS/CAP  
                    ICOM 729 Availability, Reviews? (2 msgs)  
                    MicroSmith (2 msgs)  
                    motorola amp  
                    WANTED: Kenwood TM-732

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Mon, 28 Feb 1994 20:25:28 GMT  
From: spsgate!mogate!newsgate!news@uunet.uu.net  
Subject: Comments on TAPR-2 board?  
To: ham-equip@ucsd.edu

Has anyone out there built a TNC from the TAPR-2 circuit board? If so, I'd be  
interested in hearing about it. Specifically, how difficult was it to locate  
parts, was it any cheaper than buying a used 1270 or other clone, any problems  
getting it to work?

I'm looking for a (relatively) cheap entry into the 9600bps packet world and  
building a TAPR TNC and adding the 9600 modem seems like one way to do it.

Any comments will be appreciated.

Thanks & 73... Mark AA7TA

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Date: 28 Feb 1994 15:31:14 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!newsserver.jvnc.net!  
netnews.upenn.edu!dsinc!Reality-Tech.COM!Anthony.Scandurra@network.ucsd.edu  
Subject: Comments on Yaesu FT-890AT  
To: ham-equip@ucsd.edu

I am interested in buying this transceiver and would like some comments  
from people who have used it. Thnak you in advance for your response.

If you know what issues that reviews for the rig appeared in CQ and  
QST, I would also like to get this info.

Anthony Scandurra  
KA2FFS

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Date: 28 Feb 1994 19:34:23 GMT  
From: news.bu.edu!transfer.stratus.com!hoop.sw.stratus.com!northup@purdue.edu  
Subject: Comments on Yaesu FT-890AT  
To: ham-equip@ucsd.edu

ace@reality-tech.com (Anthony Scandurra) writes:  
: I am interested in buying this transceiver and would like some comments  
: from people who have used it. Thnak you in advance for your response.  
:  
: If you know what issues that reviews for the rig appeared in CQ and  
: QST, I would also like to get this info.  
:  
: Anthony Scandurra  
: KA2FFS

Has anyone tried the crystal SSB filter for the FR-890 ?  
It worth the price that Yaesu get for it ?

thanks  
Bill

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Bill Northup

PHONE: (508) 460-2085

Stratus Computer Inc.  
55 Fairbanks Boulevard  
Marlboro, MA 01752

INTERNET: northup@sw.stratus.com  
OR: northup@Vos.Stratus.com  
Amateur Radio: n1qpr

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Date: 28 Feb 94 15:22:55  
From: ihnp4.ucsd.edu!agate!headwall.Stanford.EDU!ee-news!bencze@network.ucsd.edu  
Subject: Comments on Yaesu FT-890AT  
To: ham-equip@ucsd.edu

The 890 was reviewed in early 93 in QST somewhere in the feb-april time frame.

73, Bill KD6TOB

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Bill Bencze

bencze@isl.stanford.edu

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Date: Tue, 1 Mar 1994 16:13:51 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!noc.near.net!mv!  
mv.mv.com!tetrault@network.ucsd.edu  
Subject: Comments on Yaesu FT-890AT  
To: ham-equip@ucsd.edu

: I am interested in buying this transceiver and would like some comments  
: from people who have used it. Thank you in advance for your response.

: If you know what issues that reviews for the rig appeared in CQ and  
: QST, I would also like to get this info.

I have a FT890AT and love the rig. It is versatile, the receiver is extremely sensitive, and the tuner will tune a bathtub! I highly recommend this rig. Call me 603-485-5852 8am to noon EST if you want to discuss it offline.

73 Mark

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tetrault  
mv.mv.com  
1:132/169@fidonet.org  
n1men.ampr.org\_44.52.7.8

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Date: 28 Feb 1994 22:10:52 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!

headwall.Stanford.EDU!hubcap.clemson.edu!hercules!andy@network.ucsd.edu  
Subject: FOR SALE: Kenwood TS-440S AT and Astron RS-35.  
To: ham-equip@ucsd.edu

For Sale: Kenwood TS-440S AT (that's the one with the antenna tuner)  
Astron RS-35A Power Supply  
\$900

Both items are in immaculate condition, in the original boxes with the original manuals. I'll even throw in my morse key (don't get excited, it's a cheap one - but it works!).

I would rather sell to someone who can come and look at the rig and do the deal person to person, that way both of us know we are not getting ripped off. I am in Clemson, South Carolina. If I need to, I can always ship it UPS or something.

If you are interested, please send me email.

Thanks,

Andy

|                              |  |   |
|------------------------------|--|---|
| Andrew J. Greenshields N3IGS |  | Some people can tell what time it is by   |
| andy@cs.clemson.edu          |  | looking at the Sun, but I have never been |
| USPA A-18329                 |  | able to make out the numbers.             |

-----\*\*\*STANDARD DISCLAIMERS APPLY\*\*\*-----

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Date: Mon, 28 Feb 1994 16:50:32 -0500  
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
Subject: htx-202 audio mod (?)  
To: ham-equip@ucsd.edu

In article <CLn8o3.E4p@cbnewsm.cb.att.com>, hellman@cbnewsm.cb.att.com (eric.s.hellman) wrote:

> As I understand it, early models had the audio deviation pot set too low  
> and the touch tone deviation set too high. The settings produced low  
> audio and DTMF tones were not accepted by repeaters. I also noticed that  
> the same early models had a different default frequency when reset as well  
> as some strange additional defaults that are changed when programming.  
> I do not know where the pot's are that must be adjusted. Has anyone  
> bought the service manual? I believe audio deviation is normally about  
> 3.5 KHz and DTMF deviation is ~2.5 KHz.

Shel-

The service manual does indicate that the peak-deviation adjustment is set for 3.5 KHz. Mine came set to 3.5. I found that with CTCSS turned on, deviation was slightly higher, so I set it for 5.0 KHz with tone on. This turned out to be about 4.5 KHz with tone off.

The difference between 3.5 and 4.5 or 5.0 KHz is only about 3 dB, which is barely noticeable on the air. Therefore, the real problem isn't peak deviation, it is microphone gain. Since there is no separate adjustment, all you can do is speak close to the microphone and don't mumble.

With mine, I found that speaking close to the microphone made it work well. I think many people want to be able to speak in a quiet voice, with the radio a foot away. If you insist on operating that way, you will always be cursed with either low audio, or with high background noise!

Adjustments for CTCSS and DTMF tone levels are each independent of the voice level adjustment. This is necessary for the CTCSS, since the tone must be injected after the voice limiter circuit.

My DTMF levels were in agreement with the service manual, although I forget what they were. The real problem with the HTX-202's DTMF signal, is the fact that the high tone and low tone of each tone pair, are at the same level. Telephone company standards require that the high group of tones be at a higher level than the low frequency group. (I think the required difference is 6 dB.)

To the best of my knowledge, this is the only REAL bug with the radio. I haven't seen it, but I understand there is a Radio Shack service bulletin on adjusting the DTMF level. It reportedly states that you should "adjust it until it works"! Obviously, there have been complaints about problems with autopatch.

73, Fred, K4DII

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Date: 28 Feb 1994 17:46:06 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!hpscit.sc.hp.com!icon!  
hpchase.rose.hp.com!cmoore@network.ucsd.edu  
Subject: IC-737A?  
To: ham-equip@ucsd.edu

I seem to remember hearing that Icom is coming out with an upgraded version of the 737, which I think is called the 737A. They addressed some of the shortcomings of the 737, like lack of VOX and maybe RF gain control and

AGC defeat.

Does anyone have any information on that? In particular, I'm wondering if they will be offering a retrofit change so that owners of 737's can get the new features.

Thanks,

Chris Moore  
N6IYS  
cmoore@mothra.rose.hp.com

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Date: Mon, 28 Feb 1994 18:22:24 GMT  
From: news@lanl.gov  
Subject: ICOM 2iA MARS/CAP  
To: ham-equip@ucsd.edu

Does anyone have specifics for the expanded coverage for an Icom 2iA? As I understand it a diode is removed from one location and installed in another. If anyone has any specific detail I would greatly appreciate getting it. Thanks  
Gerald Schmitt KC5EGG

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Date: Mon, 28 Feb 1994 23:46:28 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!feustel@network.ucsd.edu  
Subject: ICOM 729 Availability, Reviews?  
To: ham-equip@ucsd.edu

I'm interested in info on the 729. Any comments will be appreciated.

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Dave Feustel N9MYI Internet:<feustel@netcom.com> CompuServe:<73532,1747>

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Date: 1 Mar 1994 17:19:34 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!news1.oakland.edu!news.nd.edu!mac07@network.ucsd.edu  
Subject: ICOM 729 Availability, Reviews?  
To: ham-equip@ucsd.edu

In article <feustelCLyKpH.C8H@netcom.com>, feustel@netcom.com (David Feustel) wrote:

>  
> I'm interested in info on the 729. Any comments will be appreciated.  
> --  
> Dave Feustel N9MYI Internet:<feustel@netcom.com> Compuserve:<73532,1747>

There was a thorough review in \_QST\_; I think you would find it helpful.

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Date: Mon, 28 Feb 1994 18:17:16 GMT  
From: news@lanl.gov  
Subject: MicroSmith  
To: ham-equip@ucsd.edu

Is there anywhere on the net or a BBS that specializes  
in antenna codes. I am looking for the subject code to  
optimize my antenna farmette. The xyl prefers that it does  
not grow into a full blown farm.Thanks for any info.  
Gerald Schmitt KC5EGG

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Date: 28 Feb 94 18:34:33 GMT  
From: news.tek.com!tekig7!tekig6!royle@uunet.uu.net  
Subject: MicroSmith  
To: ham-equip@ucsd.edu

ggs@lanl.gov (Gerald Schmitt KC5EGG):

>Is there anywhere on the net or a BBS that specializes  
>in antenna codes. I am looking for the subject code to  
>optimize my antenna farmette. The xyl prefers that it does  
>not grow into a full blown farm.Thanks for any info.

MicroSmith isn't shareware. It can be purchased from the ARRL for the  
very reasonable price of \$39.00. If anyone does find it on a BBS, please  
notify the ARRL.

Roy Lewallen, W7EL

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Date: 1 Mar 1994 01:50:12 GMT  
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!usc!yeshua.marcam.com!charnel!  
olivea!korie!newsworthy.West.Sun.COM!sunspot!myers@network.ucsd.edu  
Subject: motorola amp  
To: ham-equip@ucsd.edu

In article 3y3@ucdavis.edu, ez006683@chip.ucdavis.edu (Daniel D. Todd) writes:

>Hello All,  
> Irecently purchased a moto. amp at a hamfest.  
>It doesn't work. I need the service manual.  
>Particulars:  
>Model # N1254A  
>SN 278AFC1287  
>freq range. 150.8 to 162.X MHz  
>7 watts in 60 watts out  
>I'll happily pay any copying/mailing costs

Why not call Motorola first? You could get an \*original\* manual....

First, call (708) 538-0021 for parts ID to help you determine which part # the manual for this amplifier is.

Then, call (800) 422-4210 to order the manual.

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\* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are \*  
\* (310) 348-6043 | mine and do not necessarily \*  
\* Dana.Myers@West.Sun.Com | reflect those of my employer \*  
\* This Extra supports the abolition of the 13 and 20 WPM tests \*

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Date: Mon, 28 Feb 1994 16:08:58 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!wa4mei.ping.com!ke4zv!gary@network.ucsd.edu  
Subject: WANTED: Kenwood TM-732  
To: ham-equip@ucsd.edu

In article <94058.215906U29255@uicvm.uic.edu> <U29255@uicvm.uic.edu> writes:  
>Looking for Kenwood TM-732, must be working perfectly, good price. Reply here!

If you find one that's working perfectly, it'll be the first one.  
Notify Kenwood, they'll want to put it in a glass case so they  
can say "See, we can build a radio that works." :-)

Gary

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|                             |  |              |  |                          |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV          |  | You make it, |  | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems |  | we break it. |  | uunet!rsiatl!ke4zv!gary  |
| 534 Shannon Way             |  | Guaranteed!  |  | emory!kd4nc!ke4zv!gary   |
| Lawrenceville, GA 30244     |  |              |  |                          |

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End of Ham-Equip Digest V94 #49

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